

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (canceled)

1 Claim 2 (currently amended) The A circuit board
2 fixing table ~~according to claim 1, for transporting and~~
3 fixing a circuit board placed on transport belts to a
4 predetermined position, said circuit board fixing table
5 comprising:
6 a fixing device for fixing said circuit board;
7 a support member of said transport belts;
8 a transport motor provided separately from said
9 support member of said transport belt for driving said
10 transport belt; and
11 a power transmission mechanism for transmitting a
12 driving force of said transport motor to said transport
13 belt,
14 wherein said power transmission mechanism mechanically
15 links said transport motor with said transport belt when
16 said circuit board is transported, and unlinks said
17 transport motor with said transport belt when said circuit
18 board is not transported.

1 Claim 3 (currently amended) ~~The~~ A circuit board
2 fixing table ~~according to claim 1, further comprising for~~
3 transporting and fixing a circuit board placed on transport
4 belts to a predetermined position, said circuit board
5 fixing table comprising:
6 a fixing device for fixing said circuit board;
7 a support member of said transport belts;
8 a transport motor provided separately from said
9 support member of said transport belt for driving said
10 transport belt;
11 a power transmission mechanism for transmitting a
12 driving force of said transport motor to said transport
13 belt; and
14 an elevation actuator,
15 wherein said power transmission mechanism includes:
16 a driven side power transmission member attached to a
17 driving shaft for said transport belts; and
18 a driving side power transmission member attached to
19 a shaft that is driven by said transport motor for rotation
20 and provided such that said driving side power transmission
21 member can be linked with said driven side power
22 transmission member, and
23 wherein said elevation actuator elevates said driven
24 side power transmission member and said driving side power
25 transmission member relatively so that said driven side
26 power transmission member links and unlinks with said

27 driving side power transmission member.

1 Claim 4 (currently amended) ~~The~~ A circuit board
2 fixing table according to claim 1, for transporting and
3 fixing a circuit board placed on transport belts to a
4 predetermined position, said circuit board fixing table
5 comprising:

6 a fixing device for fixing said circuit board;
7 a support member of said transport belts;
8 a transport motor provided separately from said
9 support member of said transport belt for driving said
10 transport belt; and
11 a power transmission mechanism for transmitting a
12 driving force of said transport motor to said transport
13 belt,

14 wherein said power transmission mechanism includes:

15 a driven side power transmission member attached to a
16 driving shaft for said transport belt; and

17 a driving side power transmission member attached to
18 a shaft that is driven by said transport motor for rotation
19 and provided such that said driving side power transmission
20 member can be linked with said driven side power
21 transmission member, and

22 wherein said fixing device elevates said transport
23 belts so that said driven side power transmission member
24 links and unlinks with said driving side power transmission

25 member.

1 Claim 5 (original) The circuit board fixing table
2 according to claim 3,

3 wherein said elevation actuator elevates a backup
4 plate provided under said transport belts, and

5 wherein said backup plate includes a plurality of
6 backup pins and pushes up and fixes said circuit board by
7 said back up pins when said backup plate ascends.

1 Claim 6 (original) The circuit board fixing table
2 according to claim 3,

3 wherein said driving side power transmission member
4 and said driven side power transmission member are gears.

1 Claim 7 (original) The circuit board fixing table
2 according to claim 3,

3 wherein said driving side power transmission member
4 and said driven side power transmission member are rollers.

1 Claim 8 (currently amended) ~~The~~ A circuit board
2 fixing table ~~according to claim 1,~~ for transporting and
3 fixing a circuit board placed on transport belts to a
4 predetermined position, said circuit board fixing table
5 comprising:

6 a fixing device for fixing said circuit board;

7 a support member of said transport belts;
8 a transport motor provided separately from said
9 support member of said transport belt for driving said
10 transport belt; and
11 a power transmission mechanism for transmitting a
12 driving force of said transport motor to said transport
13 belt,
14 wherein said power transmission mechanism comprises:
15 a driven side power transmission member attached to a
16 driving shaft for said transport belt;
17 a driving side power transmission member driven by
18 said transport motor for rotation so that said driving side
19 power transmission member can be linked with said driven
20 side power transmission member;
21 a transport belt stretched between said driven side
22 power transmission member and said driving side power
23 transmission member with a slack; and
24 a tension roller for urging said transport belt to
25 absorb the slack of said transport belt.

1 Claim 9 (original) A circuit board fixing method for
2 fixing a circuit board using a circuit board fixing table
3 comprising a fixing device for fixing said circuit board,
4 a support member of said transport belt including guide
5 rails having a driving shaft and a plurality of pulleys, a
6 transport motor provided separately from said support

7 member of said transport belt for driving said transport
8 belt, a power transmission mechanism for transmitting a
9 driving force of said transport motor to said transport
10 belt, and an elevation actuator, wherein said power
11 transmission mechanism includes a driven side power
12 transmission member attached to a driving shaft for said
13 transport belt, a driving side power transmission member
14 driven by said transport motor for rotation so that said
15 driving side power transmission member can be linked with
16 said driven side power transmission member, wherein said
17 driven side power transmission member and said driving side
18 power transmission member are gears, and wherein said
19 elevation actuator elevates said driven side power
20 transmission member and said driving side power
21 transmission member relatively so that said driven side
22 power transmission member links and unlinks with said
23 driving side power transmission member, said circuit board
24 fixing method comprising the steps of:

25 canceling a linkage between said driving side power
26 transmission member and said driven side power transmission
27 member, and

28 setting magnetizing force of said transport motor for
29 a small value during re-establishing said linkage after
30 canceling said linkage.

1 Claim 10 (original) A circuit board fixing method

2 according to claim 9, comprising the step of:
3 stopping said transport motor during re-establishing
4 said linkage between said driving side power transmission
5 member and said driven side power transmission member after
6 once canceling said linkage.

Claim 11 (canceled)

1 Claim 12 (currently amended) ~~The~~ A circuit board
2 fixing table ~~according to claim 1, comprising: for~~
3 transporting and fixing a circuit board placed on transport
4 belts to a predetermined position, said circuit board
5 fixing table comprising:
6 a fixing device for fixing said circuit board;
7 a support member of said transport belts;
8 a transport motor provided separately from said
9 support member of said transport belt for driving said
10 transport belt;
11 a power transmission mechanism for transmitting a
12 driving force of said transport motor to said transport
13 belt; and
14 guide rails including two transport belts and said
15 support member of said transport belts,
16 wherein said guide rails are provided in parallel to
17 a direction of transporting said circuit board,
18 wherein said support member of said transport belts

19 includes two first pulleys provided in the direction of
20 transporting said circuit board, two second pulleys
21 provided in an opposite side of said first pulleys in the
22 direction of transporting said circuit board,

23 wherein each of said transport belts is slung over
24 said first pulley and said second pulley and supports said
25 circuit board,

26 wherein said first pulleys connected each other with
27 a driving shaft,

28 wherein said driving motor is provided separately from
29 said guide rails, and

30 wherein said power transmission member is provided
31 with said driving shaft in order to transmit driving force
32 of said transport motor to said transport belts.

1 Claim 13 (original) The circuit board fixing table
2 according to claim 12, further comprising a control device,

3 wherein said power transmission member includes a
4 driven side power transmission member and a driving side
5 power transmission member,

6 wherein said driven side power transmission member can
7 be linked and unlinked with said driving side power
8 transmission member, and

9 wherein said control device controls said transport
10 motor in a such manner that said control device sets a
11 magnetizing power of said transport motor for a small value

12 or stops said transport motor magnetizing when said driven
13 side power transmission member is linked with said driving
14 side power transmission member again after the linkage is
15 canceled.